

IV. ISSUES AND RECOMMENDED IMPROVEMENTS

Through field work, assessment of existing conditions data and meetings with area residents, the Study Team compiled a comprehensive list of transportation issues and suggested improvements for the entire study area. These issues represent the most pressing concerns and needs for improving safety and transportation operations in the Study Area.

This section of the reports presents each identified transportation issue, listed by roadway, and then by intersection. They are presented as follows:

- Issue – states the concern, problem or need for improvement.
- Preliminary Suggestion(s) – various solutions that could potentially address the issue. This section includes a description of all the short-term and long-term improvements considered in the evaluation. Based on the evaluation of alternatives, some of the preliminary suggestions were not recommended for implementation.
- Discussion – analysis and evaluation parameters.
- Recommendations – improvements to be implemented.

In order to facilitate the presentation of traffic operation issues, the Study Team divided the study area into the four geographic areas shown in Figure 45. The boundaries of these four areas are the following:

- Area east of Blair Road and north of Walnut Street/Walnut Avenue
- 1. Area east of Blair Road and south of Walnut Street/Walnut Avenue
- 2. Area west of Blair Road and south of Piney Branch Road
- 3. Area west of Blair Road and north of Piney Branch Road

These area issues are summarized in Table 21 through Table 24. Figure 46 through Figure 49 present the location of traffic operation issues for each geographic area. In addition to summarizing the identified transportation issues by geographic area, the Study Team prepared additional tables of transportation issues for the following four topic groups:

1. Transit issues
2. Pedestrian issues
3. Parking issues
4. Bicycle issues

The Study Team prepared separate recommendations by topics to address the transit, pedestrian, parking, and bicycle issues. The recommendations are summarized in Table 25 through Table 27 and Figure 50 through Figure 53.

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Figure 45. Sub-Area Boundaries

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Figure 46. Location of Traffic Issues – Area Map 1

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Table 21. Area 1 Traffic Issues and Recommendations

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Figure 46A. Recommended Improvements to Piney Branch and Blair Roads

Click to View:

21A. Blair Road at Cedar Street and 4th Street

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46B. Recommended Improvements to 4th Street / Blair Road / Cedar Street

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Figure 46C. Proposed Signing and Pavement Markings for Entrance to the Grand China and Liquor Store

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Figure 46D. Proposed Geometry for Blair Rd at Dahlia St and 5th St NW

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Figure 46E. Recommended Improvements to Carroll Street/Avenue

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Figure 46F. Recommended Improvements to Carroll Avenue (Westmoreland Ave – Philadelphia Ave)

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Figure 46G. Takoma Park Municipal Parking Garage

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Figure 47. Location of Traffic Issues – Area Map 2

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Table 22. Area 2 Traffic Issues and Recommendations

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Figure 48. Location of Traffic Issues – Area Map 3

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Table 23. Area 3 Traffic Issues and Recommendations

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Figure 48A. Georgia Avenue and Piney Branch Road

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Table 23A. Aspen Street

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Figure 48B. Recommended Improvements to Aspen Street

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Figure 48C. Recommended Improvements to Piney Branch Road and Underwood Street

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Figure 48D. Recommended Improvements to Van Buren Street between 3rd and 7th Streets

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Figure 49. Location of Traffic Issues – Area Map 4

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Table 24. Area 4 Traffic Issues and Recommendations

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Figure 49A. Recommended Improvements to Georgia Avenue and Elder Street

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Table 25. Transit – Issues and Final Recommendations

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Figure 50. Future Transit Recommendations

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Figure 50A. New Transit Routes

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Figure 51. Pedestrian Improvement Locations

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Table 26. Pedestrian – Issues and Final Recommendations

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Figure 51A. Recommended Pedestrian Improvements

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***Figure 51B. Recommended Signing and Pavement Markings at Piney Branch Road
and
Eastern Avenue***

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Figure 52. Parking Improvement Locations

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Table 27. Parking – Issues and Final Recommendations

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Figure 52A. Recommended Parking Meter Locations

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Figure 53. Bicycle Issues and Recommendations

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Figure 54. Transportation Recommendations for Area 1

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Figure 55. Transportation Recommendations for Area 2

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Figure 56. Transportation Recommendations for Area 3

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Figure 57. Transportation Recommendations for Area 4

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Figure 58. Existing and 2012 Projected Levels of Service

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Figure 59. Existing and 2022 Projected Levels of Service

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Table 28. Level of Service Comparison